

Homework Assignment No. 7

Due Monday, February 28, 2005 in class

Problem 1 - (10 points)

Problem 6.4-2 of AH

Problem 2 – (10 points)

Problem 6.5-13 of AH

Problem 3 – (10 points)

Problem 6.15 of GHLM

Problem 4 – (10 points)

Problem 6.26 of GHLM

Problem 5 – (10 points)

Problem 6.27 of GHLM. You are not required to do the parts of the problem that refer to temperature variations. In spice simulations, assume the following model parameters for the transistors:

NPNs BF=250, IS=5E-15, VAF=130

PNPs BF= 50, IS=2E-15, VAF=152